

**INFORMATION REPORT**

COUNTRY USSR(Ukrainian SSR)

SUBJECT AGZ Chemical Factory at New Gorlovka

PLACE  
ACQUIRED 25X1A

DATE OF  
INFO

REPORT NO. [REDACTED]

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NO. OF ENCLS. 4 (Annex 1a)  
(LISTED BELOW)

SUPPLEMENT TO  
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gases. One workshop was supplied with large quantities of soda. No other shipments of incoming materials or outgoing products could be observed, the railroad cars and railroad tankcars being loaded and unloaded inside buildings which were off limits to PWs.

25X1X 5. [REDACTED], the plant was in the main street of New Gorlovka, several kilometers east of Gorlovka. A large coking plant was in the vicinity of the plant and PW Camp 7242/1 was to the south. It was believed in the PW camp that the plant produced chemical warfare agents. Special railroad tankcars for acid leaving the plant had no description of their contents and no chemical formulas. These special cars carried 12 tanks, 150 cm high, 120 cm in diameter, with two filling vents in the cover. Other cars had three sheet-metal tanks, 2 meters high and 2.5 meters in diameter with cone-shaped superstructures, and ladders and platforms to facilitate the filling of the tanks. Large shipments of lime, coal, timber and chemicals arrived at the plant.

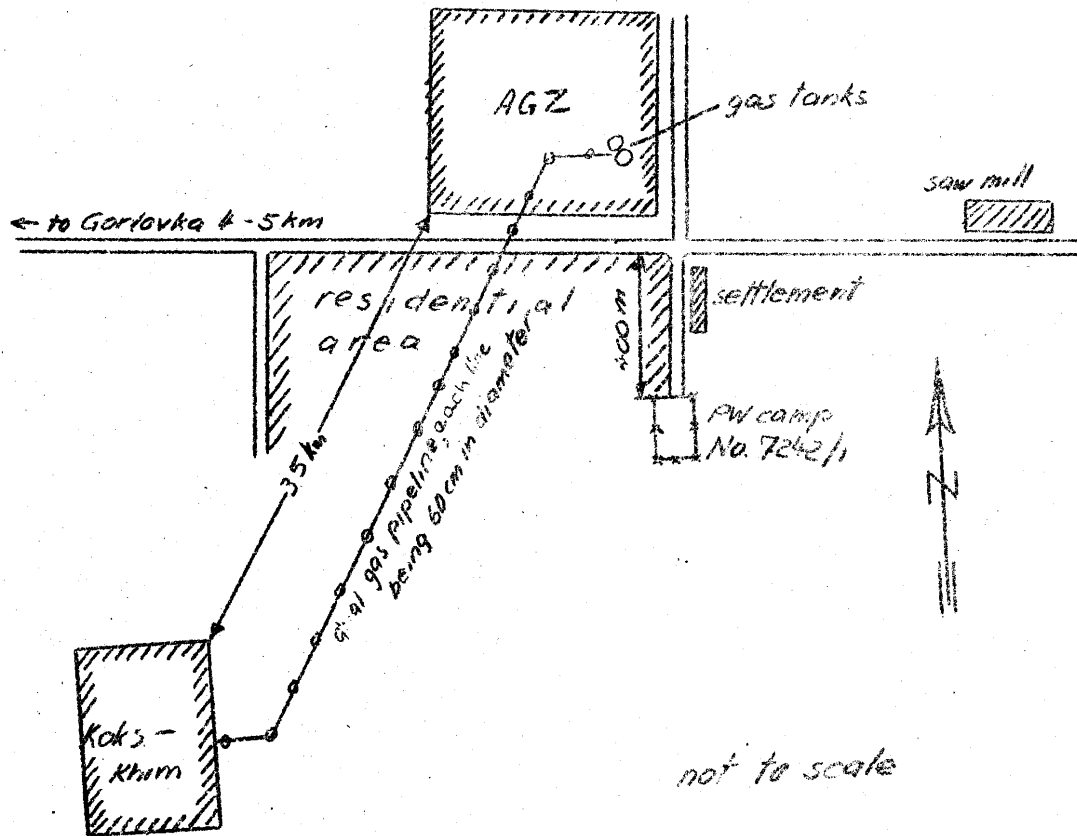
25X1A \* [REDACTED] Comment: See Annex 1 for the [REDACTED] sketch indicating the location of the AGZ and Annex 2 for his layout sketch of the plant. 25X1X

25X1A \* [REDACTED] Comment: See Annex 3 for [REDACTED] layout sketch of the plant. 25X1X

Attachments: Four (1 photograph, 3 sketches on ditto).

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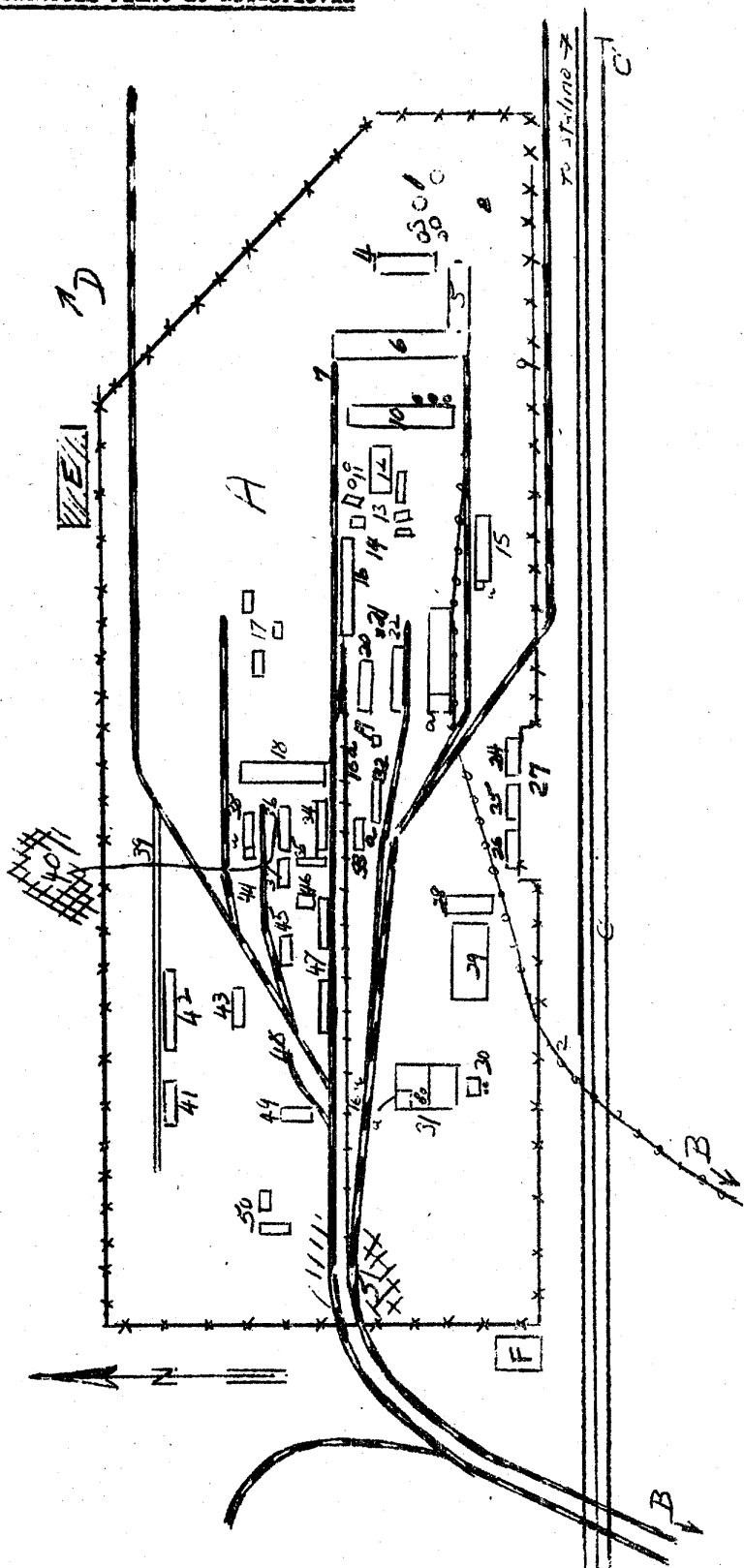
Location of the AGZ.



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AGZ Chemical Plant at NewGorlovka



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Legend:

## A. AGZ.

1. Two gas storage tanks, 15 to 20 meters high, 12 meters in diameter. These tanks, painted a silver-bronze color and built on concrete foundations were at the end of gas pipe line from the coke chemical plant.
2. Double gas pipe line, built above ground; each pipe was 60 cm in diameter.
3. Three wooden cooling towers which were 5 meters high and had a disagreeable smell.
4. "Kipp-Zekh", a workshop producing measuring instruments for plant use.
5. Power station with switching installation.
6. Department No. 1, turbine house, 140 x 17 x 8 meters, with 18 to 20 obsolete German machines from a machine factory in Cologne and with new German machinery being installed. The constant smell of city gas as well as the large fly wheels with a diameter of 2.5 meters indicated that the department was a suction and pressure control station of the gas pipe line. Pipe connection to other workshops. Railroad tracks led into the building, which had pipes running to other workshops.
7. Parking place for one railroad tank car, with a capacity of 60 tons, to be filled in Department 1. The tank car, which was often changed, contained ammonia, [REDACTED] 25X1X
8. Two tanks, sheet steel structures, each 3 meters high and 2.5 meters in diameter. A pipe line ran from the tanks to Department No. 1.
9. Main gate and guard house.
10. Department No. 5, 100 x 60 x 4 meters, holding 12 containers, interconnected by pipes.
11. Two covered hexagonal or octagonal containers, made of brick and 3.5 meters in diameter and 5 meters high.
12. Small workshop, 30 x 14 x 3 meters, with a sheet-metal smokestack expelling sulfuric vapor visible for several kilometers. The workshop was allegedly connected to departments 1 to 5. The noise of dynamos in operation was heard constantly. Only women worked here.
13. Five cooling installations with a coiled pipe system constantly sprinkled.
14. Large storage dump for clay pipes which were to be used in the containers.
15. Sulfur department, which was not in full operation, but had a large traveling crane. Hot ashes were shoveled out of this department. Laborers received additional food.
- 15a. Machine shop with a large electric motor.
16. Machine shop with a steam boiler and, north of the building, two brick smokestacks, 35 meters high.
- 16a. Cable conveyor with coal buckets, hand-loaded by FWs.
17. Snack bar, where soda water was free, administrative offices and first-aid station.
18. Ruin, 100 x 13 x 5 meters.
19. Main power station with switching installation.

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20. Department No. 2 with four electric motors and four containers, 6 meters high and 3 meters in diameter. These containers were interconnected by pipes, and their contents smelled like ammonia. Female laborers worked with gas masks. This shop also had a row of round tubs made of steel sheets and built on concrete pedestals. These tubs, 45 cm deep and 60 cm in diameter had stirrers and sheet-metal hoods of the same shape as the tubs. Small containers with sheet-metal covering stood along the walls, and two round containers, 4 meters high and 2.5 meters in diameter, were outside the building.
21. Small pump house with electric motor.
22. Department No. 3, producing potash salt-peter. In one room there were six German electric motors and two covered round containers with manhole. These containers, standing on concrete foundations, were used for so-called rolling process. Products were obviously piped from this room into the main production room of department No. 3. The main production shop had two rolling drums, 15 meters long and 2.5 meters in diameter. The processed salt-peter was transported on conveyor belt to the shipping station, put into sacks and immediately loaded on trains. Output was six 10-ton cars per day. It was believed that the department was not in full operation.
23. Completed workshop, 150 x 25 x 10 meters, with a semicircular roof. This building, used to store salt-peter, was being newly equipped.
  - a. Annex with forge.
24. Kitchen.
25. New office building, two stories high.
26. Canteen.
27. Plant entrance and square for which grainery was planned.
28. Electric station with 10 to 12 motors, presumably water pumps.
29. Cooling basin, 200 x 100 meters. The water to be cooled was hurled into the air like a fountain.
30. Tower, 35 meters high, with two cylindrical containers 25 meters high and 2.5 meters in diameter. Gauges at the tanks were checked constantly.
31. Factory Zekhe with three containers, 3 meters high and 2.5 meters in diameter, and electric motors. A substance similar to soda, called barain, arrived in paper sacks and together with sulfur bars was put into the tanks.
  - a. Installation similar to a baking stove. Sheet-metal holds were filled inside the stove, taken out, cooled and tilted. Conical sulfur blocks 45 x 45 cm, were immediately put on trains.
32. Storage shed with loading ramp for spare parts.
33. Electrical shop under construction.
  - a. Forge, manufacturing shafts and making plant repairs.
34. Workshop being reconstructed. In October 1946 it was 4 to 5 meters high and was without machinery.
35. Switching department with 26 chambers.
36. Lean-to roof supported by iron girders. Many pipes went into this installation. Waste material coming out of four pipes was put into dump cars which were driven to the dumps by a Diesel engine and tipped there. On the lean-to roof was a sheet-

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metal smokestack, 2 meters in diameter. and dust was stirred up in this area on windy days.

37. Power station with about eight large electric motors, whose purpose is unknown.
  38. Shed, 250 x 13 x 4 meters, storing sulfuric acid.
    - a. Annex with large roasting furnaces (Verrenungssofen) with three heating places. Four or five 60-ton railroad cars arrived here daily.
  39. Dump-car line.
  40. Dump for waste materials.
  41. Small foundry with one furnace, manufacturing components, and machine parts for plant use.
  42. Machine shop, called MZ, and measuring 250 x 20 x 6 meters. It had an equipment including 30 to 40 German and American metal processing machines and one large crane.
  43. Lubrication, and saw mill with one saw frame.
  44. Same as No. 14 above.
  45. Same.
  46. Office and showers, called MB.
  47. Two large storage sheds for dismantled material, machine parts, transformers, etc.
  48. Locomotive repair shop for five plant-owned locomotives.
  49. Transportation section offices.
  50. Repair shop and carpenter shop.
  51. Coal dump.
- B. Coke-chemical plant, which had one coke oven battery of 35 ovens in operation and a second battery of 35 ovens under construction, but to be completed by January 1952.
- C. Highway in bad condition and streetcar line to Gorlovka.
  1. Terminal point of streetcar line.
- D. In the coal Plant No. 64, 1.5 km away.
- E. Large transformer installation, consisting one building and outdoor transformers. This was strictly guarded.
- F. Storehouse for farming products.

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Legend.

A. ARZ.

1. Two gas storage tanks, 40 meters high, 20 meters in diameter.
2. Three cooling towers, 25 meters high, 10 meters in diameter.
3. Plant department No. 1.
4. Workshop, 150 x 50 meters, with two containers in front.
5. Unidentified workshop with two containers in front.
6. Four stone containers used for cooling purposes. They were 20 meters high, 10 meters in diameter.
7. Workshop under construction, 100 x 40 meters, with two large containers, presumably for ammonium chloride.
8. Workshop, 150 x 40 meters, with two old housed containers in front.
9. Unidentified workshop.
10. Sawmill.
11. Machine shop with machinery being installed.
12. Unidentified workshop.
13. Workshop under construction.
14. Two workshops, these structures were completed.
15. Laboratory.
16. Building under construction.

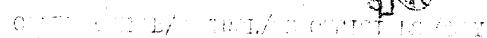
B. Soda chemical plant.

C. Mines.

D. Soda Chemical Plant, No. 6h.

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